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RECAP

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RECAP Summary

➤ Renewable Energy Credit Aggregation Program

- Partnership with Community Energy, Inc to supply Illinois SRECs for the City of Naperville Renewable Energy Program (99% wind, 1% solar)
 - Top 6th NREL Green Power Program in nation based on participation (in top 5 or 6 since 2007)
- Illinois grid tied solar systems ≤ 10 kW AC (Tier 1) eligible
- Annual application - first come, first served
- SREC price announced prior to application
 - \$65/MWh in 2009, \$135 in 2010, \$200 in 2011, \$127.50 in 2012
- SREC ceiling determined annually by pre-sold subscription – limited demand
 - 83 MWh in 2009, 168 in 2010, 193 in 2011



Program Differences

- Voluntary program
- Price set by buyer/aggregator to reflect market
- Applicants of RECAP have existing systems
- Yearly contract – in 4th year
- Supply greatly exceeded demand
- Prices started low, then increased
- Basis of demand program (Naperville) may change due to community aggregation movement in Illinois



Relevant Similarities

- System owners self report solar generation in kWh from quarterly inverter readings
 - Green-e small generator Attestation form
- New applicants submit proof of system
 - Interconnection or net metering agreement
 - Equipment Invoice
- Notified of program by installer
- SRECs aggregated by ISEA and sold to CEI in one transaction
- Administrative fee collected for program management (historically \$5-\$25/MWh)



Lessons learned

- An SREC market has existed in Illinois before the carve-out
- There are potentially hundreds of $\leq 10\text{kW}$ system owners who would participate in Illinois
- Small-scale solar system owners need hand holding throughout this process
- Small-scale systems are costly and time consuming to aggregate and may require non-profit support for widespread participation